

Editing Files with Vi

What You Will Learn

- How to use the vi editor.

The Vi Editor

- Has advanced and powerful features
- Not intuitive
- Harder to learn than nano
- Requires a time investment

The Vi Editor

`vi [file]` Edit file.

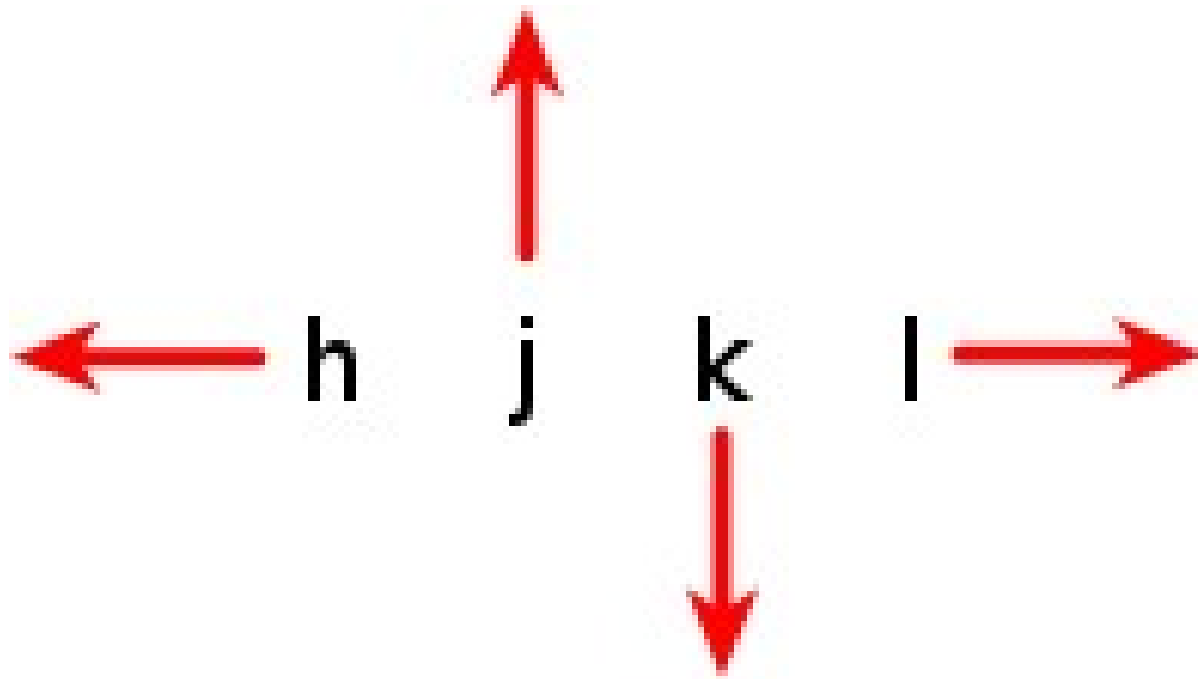
`vim [file]` Same as vi, but more features.

`view [file]` Starts vim in read-only mode.

Vi Command Mode and Navigation

k	Up one line.
j	Down oneline.
h	Left one character.
l	Right onecharacter.
w	Right oneword.
b	Left oneword.
^	Go to the beginning of the line.
\$	Go to the end of the line.

Vi Navigation Keys



Vi Insert Mode

- i Insert at the cursor position.
- I Insert at the beginning of the line.
- a Append after the cursor position.
- A Append at the end of the line.

Vi Line Mode

- :w Writes (saves) the file.
- :w! Forces the file to be saved.
- :q Quit.
- :q! Quit without saving changes.
- :wq! Write and quit.
- :x Same as :wq.

Vi Line Mode

- :n** Positions the cursor at line n.
- :\$** Positions the cursor on the last line.
- :set nu** Turn on line numbering.
- :set nonu** Turn off linenumbering.
- :help [subcommand]** Get help.

Vi Modes

Mode	Key
Command	Esc
Insert	i l a A
Line	:

Vi - Repeating Commands

- Repeat a command by preceding it with a number.
 - 5k = Move up a line 5 times
 - 80i<Text><ESC> = Insert <Text> 80 times
 - 80i_<Esc> = Insert 80 "_" characters

Vi - Deleting Text

x	Delete a character.
dw	Delete a word.
dd	Delete a line.
D	Delete from the current position.

Vi - Changing Text

- `r` Replace the current character.
- `cW` Change the current word.
- `cC` Change the current line.
- `c$` Change the text from the current position.
- `C` Same as `c$`.
- `~` Reverses the case of a character.

Vi - Copying and Pasting

`yy` Yank (copy) the current line.

`y<position>` Yank the <position>.

`p` Paste the most recent deleted or yanked text.

Vi - Undo / Redo

u	Undo
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Ctrl-R	Redo
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Vi - Searching

<code>/<pattern></code>	Start a forward search.
<code>?<pattern></code>	Start a reverse search.

Demo - vi

---TODO: Overlay with characters that I'm using.---- (Might be hard, maybe come back and do that later????)

key-mon --nomouse --scale=2.1

Summary

- More advanced than nano
- Vi has three modes